

Europäisches Patentamt  
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(11)

**EP 1 201 414 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
11.09.2002 Bulletin 2002/37

(51) Int Cl.7: **B29D 30/72, B29D 30/50**

(43) Date of publication A2:  
02.05.2002 Bulletin 2002/18

(21) Application number: **01125788.8**

(22) Date of filing: **29.10.2001**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR**  
Designated Extension States:  
**AL LT LV MK RO SI**

(30) Priority: **30.10.2000 JP 2000330854**  
**28.11.2000 JP 2000361453**

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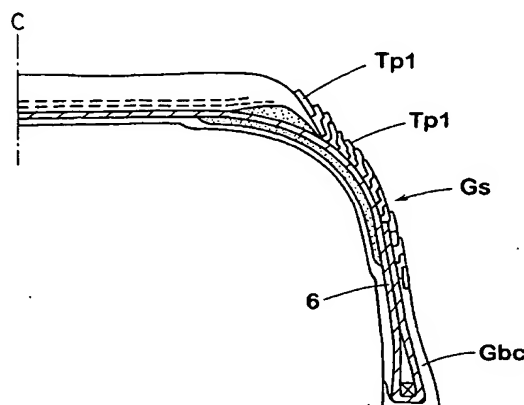
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(54) **Method of manufacturing the sidewall of a pneumatic tire**

(57) A method of manufacturing a pneumatic tire (1) comprises assembling unvulcanized rubber components to make a green tire, vulcanizing the green tire, and winding an unvulcanized rubber tape so that the windings collectively have a predetermined cross sectional shape for at least one of the unvulcanized rubber components to thereby make said at least one of the unvulcanized rubber components.

**Fig.3g**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 12 5788

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 2002	Examiner Boone, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/02 (P04C01)



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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 12 5788

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>17 July 2002</b>	Examiner <b>Boone, J</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

EP0101M (503 03.02 (P4C01))



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**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
EP 01 12 5788

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1,2,3,13,18

Method of manufacturing the sidewall and the cushion rubber of a pneumatic tire

2. Claims: 4-7

Method of manufacturing the inner liner and clinch rubber of a pneumatic tire

3. Claims: 8-12,14-17,19

Method of manufacturing the sidewall of a pneumatic tire using narrow rubberised bands containing short fibers

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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17-07-2002

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